

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031224AL\
 Data File : FC065987.D
 Signal(s) : FID1A.ch
 Acq On : 12 Mar 2024 10:01
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 13 01:23:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:09:51 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.488	3702901	18.947 ug/ml
Spiked Amount 50.000		Recovery =	37.89%
12) S 1-chlorooctadecane (S...	12.916	2752803	18.882 ug/ml
Spiked Amount 50.000		Recovery =	37.76%
Target Compounds			
1) T n-Nonane (C9)	3.289	3235547	19.366 ug/ml
2) T n-Decane (C10)	4.350	3338188	19.248 ug/ml
3) T A~Naphthalene (C11.7)	5.937	3522304	19.628 ug/ml
4) T n-Dodecane (C12)	6.360	3397579	19.280 ug/ml
5) T A~2-methylnaphthalene...	6.992	3273236	19.216 ug/ml
6) T n-Tetradecane (C14)	8.147	3291539	18.928 ug/mlm
7) T n-Hexadecane (C16)	9.740	3369683	18.862 ug/ml
8) T n-Octadecane (C18)	11.173	3430075	18.871 ug/ml
10) T n-Eicosane (C20)	12.474	3297872	18.887 ug/ml
11) T n-Heneicosane (C21)	13.082	3266407	18.840 ug/ml
13) T n-Docosane (C22)	13.664	3268152	19.003 ug/ml
14) T n-Tetracosane (C24)	14.760	3287467	19.248 ug/ml
15) T n-Hexacosane (C26)	15.775	3257348	19.344 ug/ml
16) T n-Octacosane (C28)	16.718	3242356	19.502 ug/ml
17) T n-Tricontane (C30)	17.601	3341815	19.572 ug/ml
18) T n-Dotriacontane (C32)	18.428	3302813	19.593 ug/ml
19) T n-Tetratriacontane (C34)	19.208	3196728	19.505 ug/ml
20) T n-Hexatriacontane (C36)	19.944	3100650	19.501 ug/ml
21) T n-Octatriacontane (C38)	20.657	3052288	19.486 ug/mlm
22) T n-Tetracontane (C40)	21.516	3012059	19.047 ug/mlm

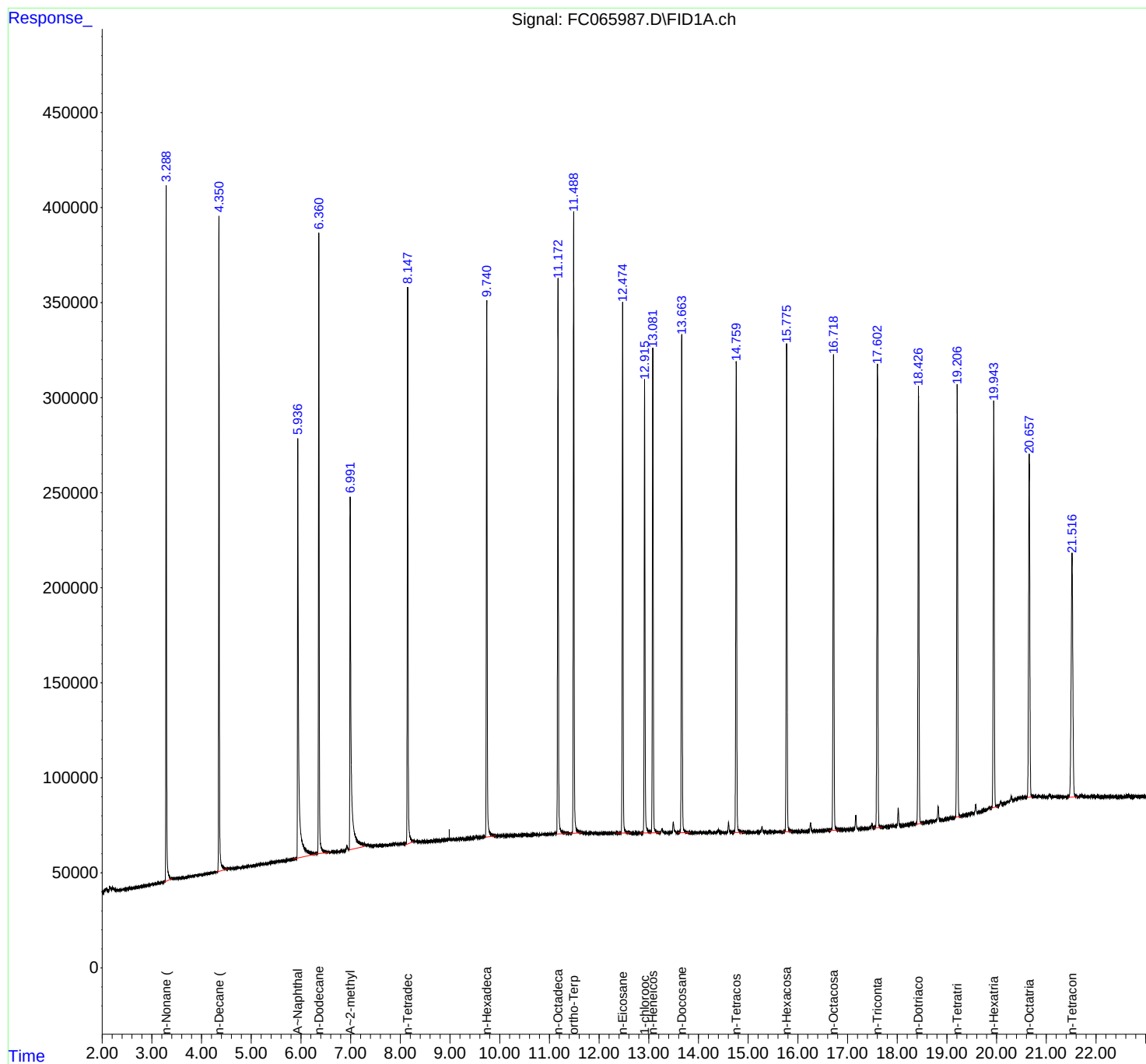
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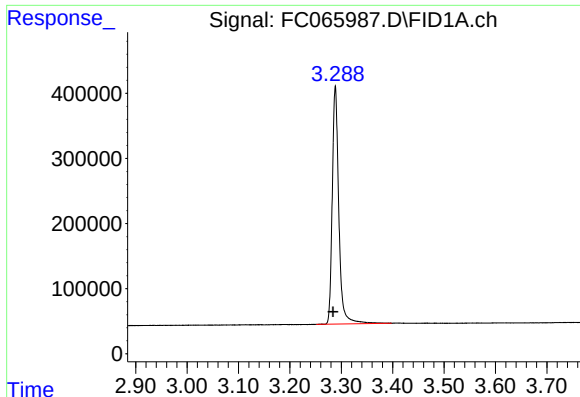
(m)=manual int.

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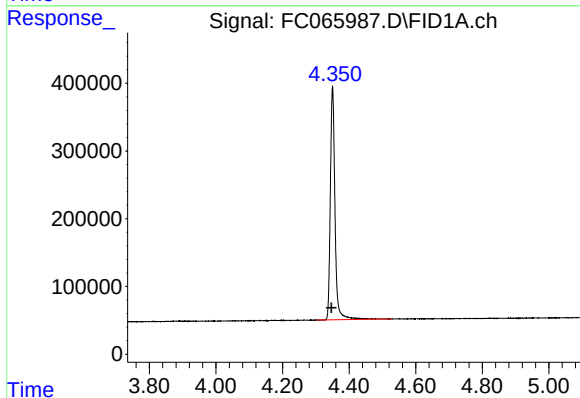
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Signal Info : 20M x 0.18mm x 0.18um





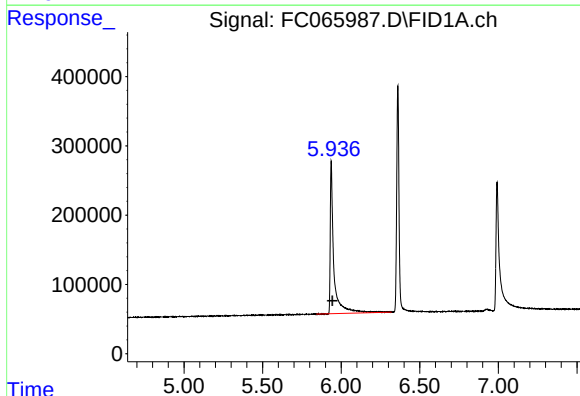
#1 n-Nonane (C9)

R.T.: 3.289 min
Delta R.T.: 0.005 min
Response: 3235547
Conc: 19.37 ug/ml



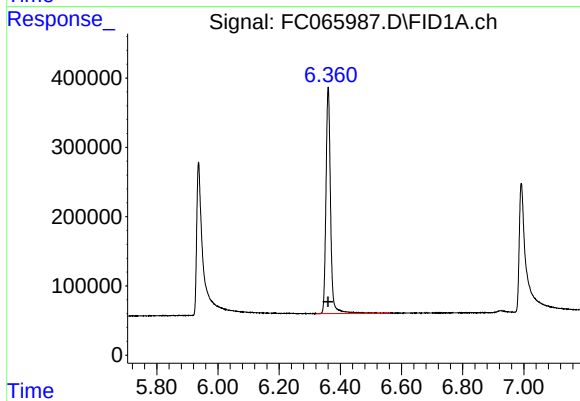
#2 n-Decane (C10)

R.T.: 4.350 min
Delta R.T.: 0.004 min
Response: 3338188
Conc: 19.25 ug/ml



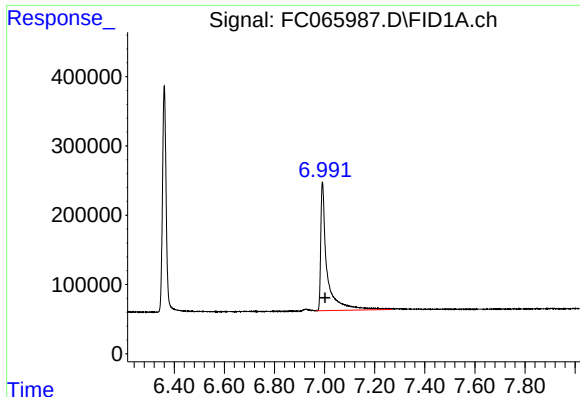
#3 A~Naphthalene (C11.7)

R.T.: 5.937 min
Delta R.T.: -0.008 min
Response: 3522304
Conc: 19.63 ug/ml



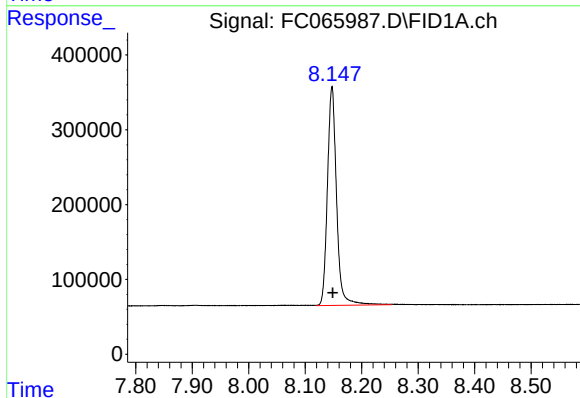
#4 n-Dodecane (C12)

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 3397579
Conc: 19.28 ug/ml



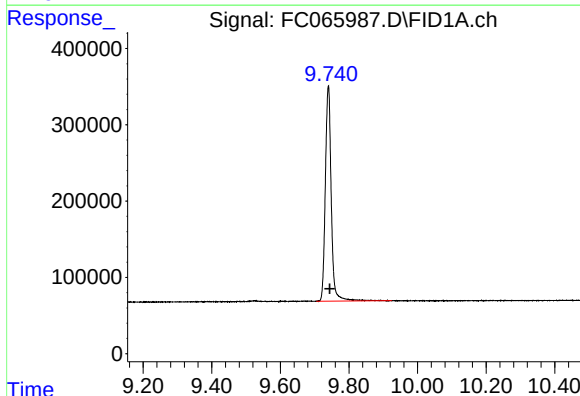
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.992 min
Delta R.T.: -0.010 min
Response: 3273236
Conc: 19.22 ug/ml



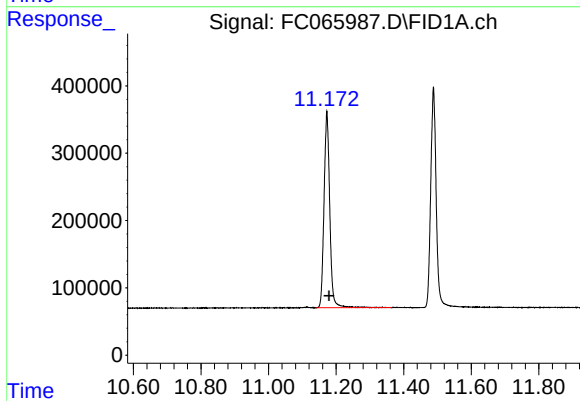
#6 n-Tetradecane (C14)

R.T.: 8.147 min
Delta R.T.: -0.002 min
Response: 3291539
Conc: 18.93 ug/ml m



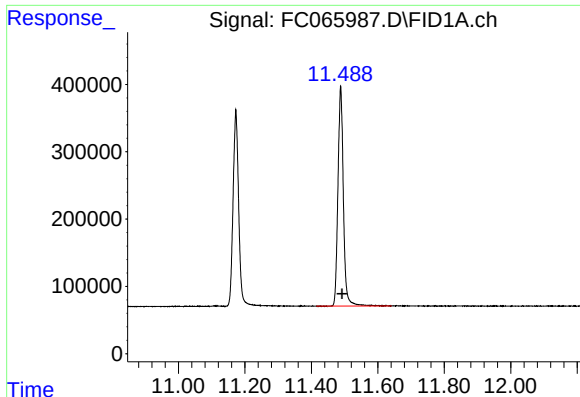
#7 n-Hexadecane (C16)

R.T.: 9.740 min
Delta R.T.: -0.004 min
Response: 3369683
Conc: 18.86 ug/ml



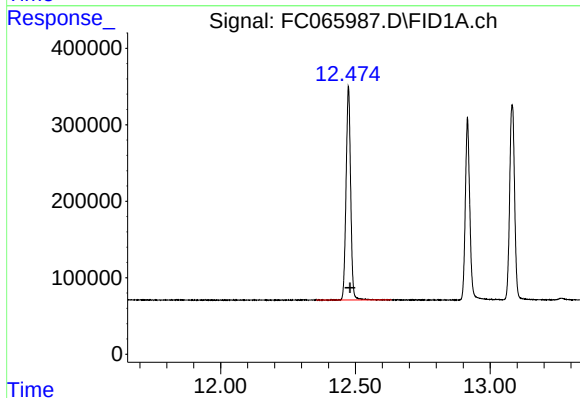
#8 n-Octadecane (C18)

R.T.: 11.173 min
Delta R.T.: -0.006 min
Response: 3430075
Conc: 18.87 ug/ml



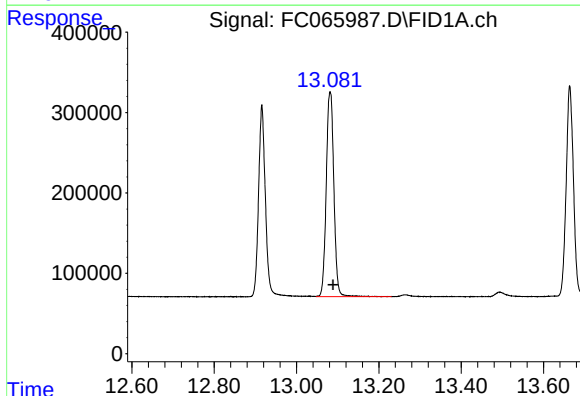
#9 ortho-Terphenyl (SURR)

R.T.: 11.488 min
Delta R.T.: -0.005 min
Response: 3702901
Conc: 18.95 ug/ml



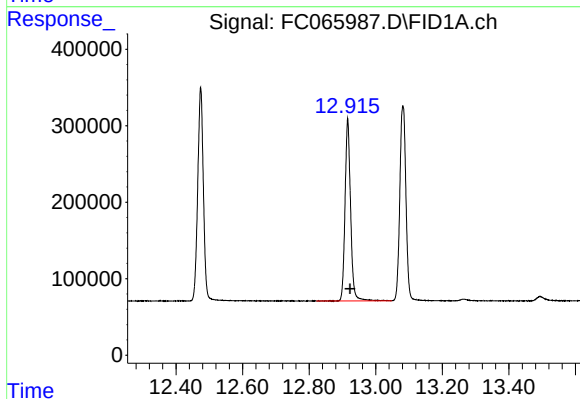
#10 n-Eicosane (C20)

R.T.: 12.474 min
Delta R.T.: -0.007 min
Response: 3297872
Conc: 18.89 ug/ml



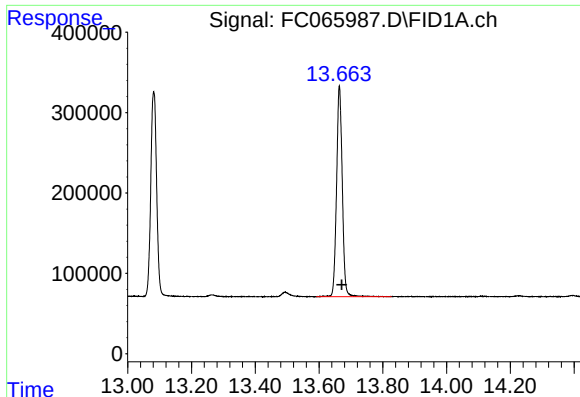
#11 n-Heneicosane (C21)

R.T.: 13.082 min
Delta R.T.: -0.007 min
Response: 3266407
Conc: 18.84 ug/ml



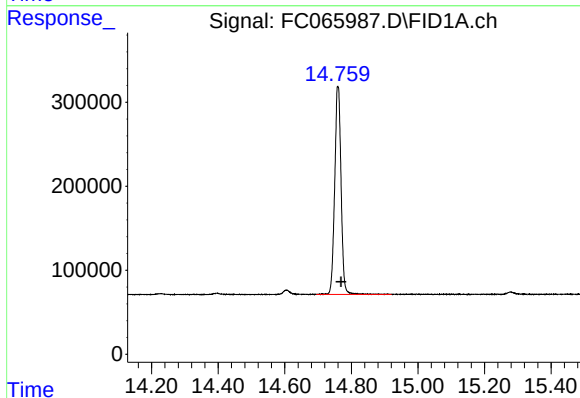
#12 1-chlorooctadecane (SURR)

R.T.: 12.916 min
Delta R.T.: -0.008 min
Response: 2752803
Conc: 18.88 ug/ml



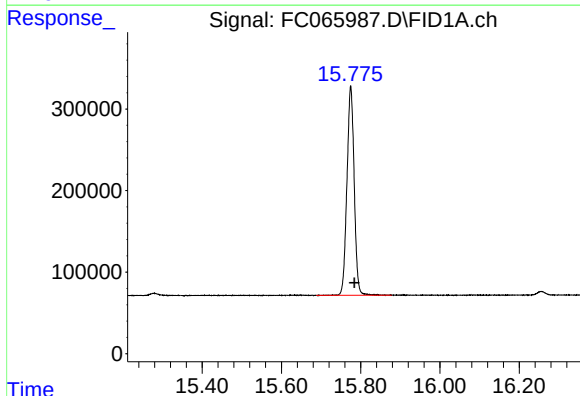
#13 n-Docosane (C22)

R.T.: 13.664 min
Delta R.T.: -0.008 min
Response: 3268152
Conc: 19.00 ug/ml



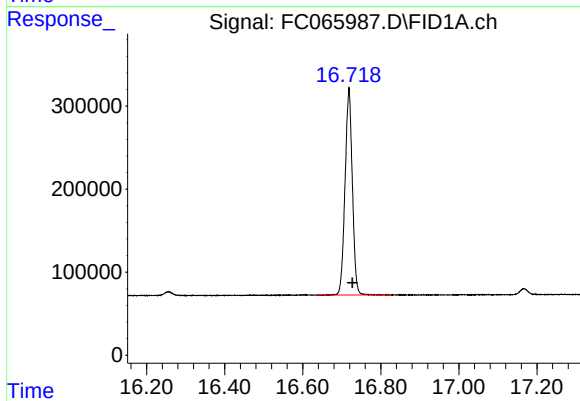
#14 n-Tetracosane (C24)

R.T.: 14.760 min
Delta R.T.: -0.009 min
Response: 3287467
Conc: 19.25 ug/ml



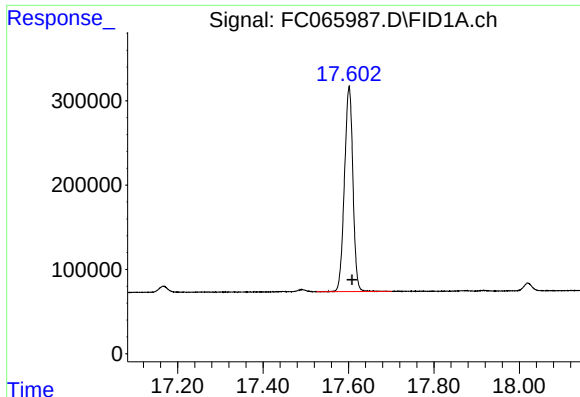
#15 n-Hexacosane (C26)

R.T.: 15.775 min
Delta R.T.: -0.009 min
Response: 3257348
Conc: 19.34 ug/ml



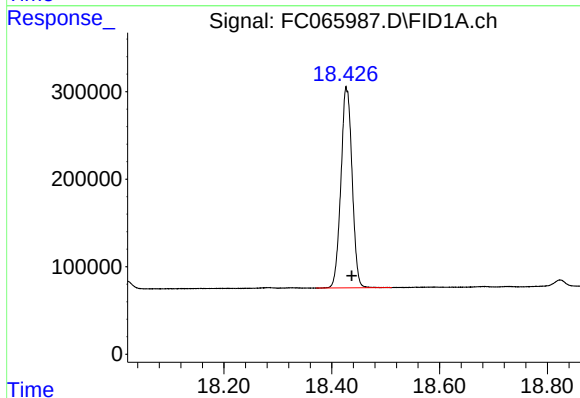
#16 n-Octacosane (C28)

R.T.: 16.718 min
Delta R.T.: -0.009 min
Response: 3242356
Conc: 19.50 ug/ml



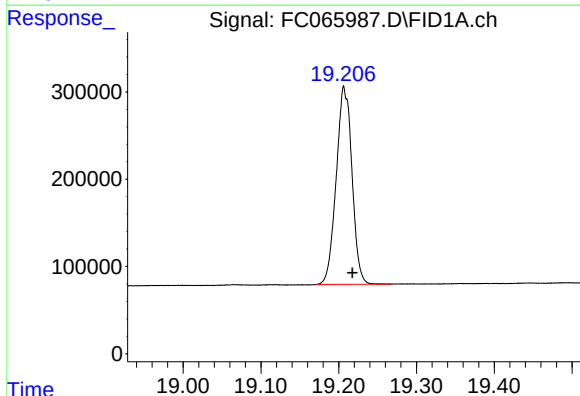
#17 n-Tricontane (C30)

R.T.: 17.601 min
Delta R.T.: -0.007 min
Response: 3341815
Conc: 19.57 ug/ml



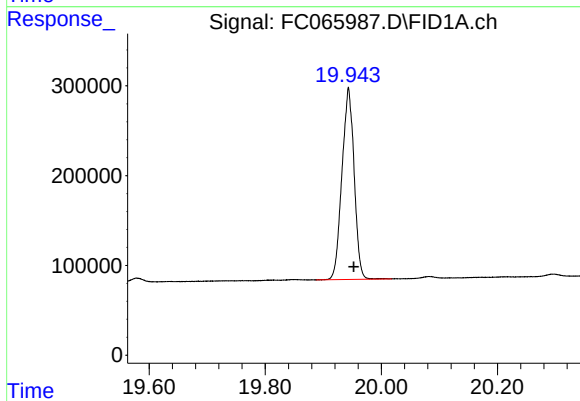
#18 n-Dotriacontane (C32)

R.T.: 18.428 min
Delta R.T.: -0.009 min
Response: 3302813
Conc: 19.59 ug/ml



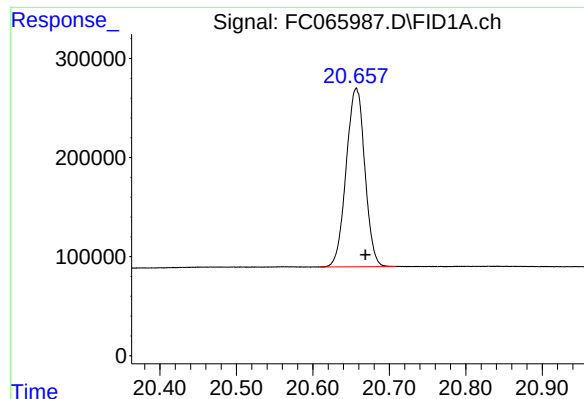
#19 n-Tetratriacontane (C34)

R.T.: 19.208 min
Delta R.T.: -0.010 min
Response: 3196728
Conc: 19.50 ug/ml



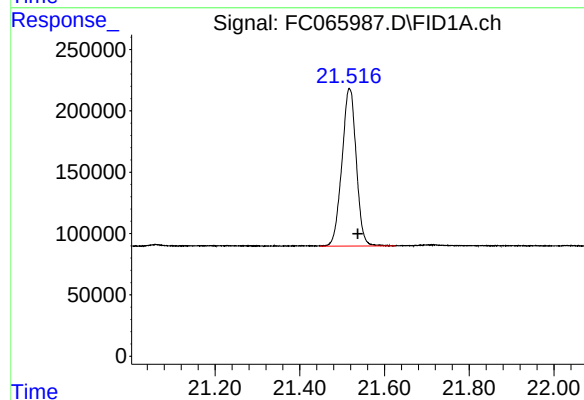
#20 n-Hexatriacontane (C36)

R.T.: 19.944 min
Delta R.T.: -0.009 min
Response: 3100650
Conc: 19.50 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min
Delta R.T.: -0.012 min
Response: 3052288
Conc: 19.49 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.516 min
Delta R.T.: -0.021 min
Response: 3012059
Conc: 19.05 ug/ml m